

JEA Tariff and Supporting Documentation Filing to the Florida PSC

E-Filing Submittal Date: February 25, 2019

Tariff Effective: June 1, 2019

Rate Hearing: March 26, 2019

Supporting Documentation

Cover Letter

JEA Residential Demand Rate Determinations

Tariff Sections (Redline)

Tariff Sections (Conformed)

21 West Church Street
Jacksonville, Florida 32202-3139

February 25, 2019



Ms. Patricia Daniel
Bureau Chief, Economic Impact & Rate Design
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Dear Ms. Daniel:

E L E C T R I C

Included in this filing are JEA tariffs for fiscal year 2019 starting June 1, 2019. This filing includes the tariff revisions listed below. These changes expected to be approved by JEA's Board at a public hearing scheduled March 26, 2019.

W A T E R

Tariff revisions include:

S E W E R

1. Modification of JEA Residential Demand (SmartSavings) pilot
2. Extension of JEA Solarmax Rider

Following this cover letter are the revised and conformed copies of all tariff sheets. These changes are currently estimated to become effective June 1, 2019.

Also included is the supporting documentation for JEA Residential Demand (SmartSavings) pilot .

If you have questions or need additional information please call me at (904) 665-6151.

Sincerely,

A handwritten signature in black ink that reads 'Juli Crawford'. The signature is written in a cursive, flowing style.

Juli Crawford,
Director, Financial Planning and Analysis

JEA

REVISED TARIFF SHEETS

| | | | |
|----------------|---------------|---------------|---------------|
| Sheet No. 1.0 | Sheet No. 4.0 | Sheet No. 6.1 | Sheet No. 6.2 |
| Sheet No. 15.1 | | | |

JEA Residential Demand Rate Design (Daily Flex Pricing)

| Month ¹ | MWh (Est.) | On-Peak NCP kW | Average NCP | Bills | Energy Revenue Current Rate (Thousand \$) | Demand Revenue Average Daily Rate (Thousand \$) |
|--------------------|------------------|-------------------|-------------------|------------------|--|---|
| October | 387,320 | 2,035,105 | 1,344,383 | 410,296 | 41,910 | 42,068 |
| November | 323,811 | 1,670,435 | 1,282,334 | 410,296 | 35,408 | 38,748 |
| December | 365,870 | 1,797,742 | 1,402,151 | 410,296 | 39,714 | 42,541 |
| January | 379,025 | 2,076,555 | 1,446,613 | 410,296 | 41,061 | 43,869 |
| February | 290,560 | 1,718,081 | 1,327,424 | 410,296 | 32,004 | 38,580 |
| March | 355,139 | 2,053,938 | 1,398,614 | 410,296 | 38,616 | 42,121 |
| April | 381,458 | 2,105,657 | 1,431,984 | 410,296 | 41,310 | 43,652 |
| May | 466,735 | 2,213,855 | 1,523,691 | 410,296 | 50,041 | 48,280 |
| June | 480,605 | 2,230,577 | 1,543,513 | 410,296 | 51,461 | 49,132 |
| July | 594,737 | 2,399,603 | 1,690,282 | 410,296 | 63,146 | 55,814 |
| August | 568,294 | 2,342,787 | 1,648,577 | 410,296 | 60,439 | 54,110 |
| September | 504,757 | 2,245,976 | 1,559,443 | 410,296 | 53,934 | 50,240 |
| TOTAL | 5,098,311 | 24,890,311 | 17,599,011 | 4,923,552 | 549,045 | 549,155 |

| Rate Name | Customer Charge | Energy Charge | Fuel Charge | On-Peak Demand Charge | Avg Daily Demand Charge |
|----------------------|-----------------|---------------|-------------|-----------------------|-------------------------|
| Current Rate | \$5.50 | \$0.06988 | \$0.03250 | \$0.00 | \$0.00 |
| Average Daily Demand | \$5.50 | \$0.00000 | \$0.03250 | \$0.00 | \$20.25 |

| Comparison of All Inclusive Revenue Requirements | |
|---|---------------|
| Revenue Requirement based on Current Energy Rates = | \$356,269,978 |
| Estimated Revenue Based on the Proposed Average Daily Demand Rate = | \$356,379,970 |

1. All data is from FY17 Load Research Data

JEA Residential Demand Rate Design (Duel Flex Pricing)

| Month ¹ | MWh (Est.) | On-Peak NCP kW | Total NCP | Bills | Energy Revenue Current Rate (Thousand \$) | Demand Revenue Duel Demand Rate (Thousand \$) |
|--------------------|------------------|-------------------|-------------------|------------------|--|---|
| October | 387,320 | 2,035,105 | 2,449,095 | 410,296 | 41,910 | 43,090 |
| November | 323,811 | 1,670,435 | 2,538,749 | 410,296 | 35,408 | 38,898 |
| December | 365,870 | 1,797,742 | 2,842,615 | 410,296 | 39,714 | 42,868 |
| January | 379,025 | 2,076,555 | 3,047,522 | 410,296 | 41,061 | 46,440 |
| February | 290,560 | 1,718,081 | 2,537,600 | 410,296 | 32,004 | 38,154 |
| March | 355,139 | 2,053,938 | 2,811,343 | 410,296 | 38,616 | 44,190 |
| April | 381,458 | 2,105,657 | 2,541,576 | 410,296 | 41,310 | 43,921 |
| May | 466,735 | 2,213,855 | 2,577,945 | 410,296 | 50,041 | 47,673 |
| June | 480,605 | 2,230,577 | 2,589,544 | 410,296 | 51,461 | 48,308 |
| July | 594,737 | 2,399,603 | 2,695,452 | 410,296 | 63,146 | 53,822 |
| August | 568,294 | 2,342,787 | 2,643,519 | 410,296 | 60,439 | 52,266 |
| September | 504,757 | 2,245,976 | 2,581,625 | 410,296 | 53,934 | 49,160 |
| TOTAL | 5,098,311 | 24,890,311 | 31,856,585 | 4,923,552 | 549,045 | 548,789 |

| Rate Name | Customer Charge | Energy Charge | Fuel Charge | On-Peak Demand Charge | Total Demand Charge |
|------------------|-----------------|---------------|-------------|-----------------------|---------------------|
| Current | \$5.50 | \$0.06988 | \$0.03250 | \$0.00 | \$0.00 |
| Duel Peak Demand | \$5.50 | \$0.00000 | \$0.03250 | \$7.20 | \$5.55 |

| Comparison of All Inclusive Revenue Requirements | |
|---|---------------|
| Revenue Requirements based on Current Energy Rates = | \$356,269,978 |
| Estimated Revenue Based on the Proposed Duel Peak Demand Rate = | \$356,014,289 |

1. All data is from FY17 Load Research Data

ELECTRIC TARIFF DOCUMENTATION

VOLUME 1

JEA
21 W. Church St.
Jacksonville, Florida 32202-3139
(904) 665-6000

DESCRIPTION OF TERRITORY SERVED

JEA furnishes retail electric service to the major portion of Duval County, including the City of Atlantic Beach and the Town of Baldwin. In addition, JEA provides retail electric service to the Town of Orange Park, to parts of St. Johns and Clay Counties and wholesale electric service to the City of Fernandina Beach.

Submitted to the Public Service Commission

Approved by the JEA Board

~~August 21, 2018~~March XX26, 2019

 INDEX OF ELECTRIC SERVICE RATE SCHEDULES

| Rate Schedule Designations | | Sheet Number |
|----------------------------------|--|-----------------|
| FPPC | Fuel and Purchased Power Cost Recovery Charge Policy | 5.0 |
| KVAR/ EC/NM | Excess Reactive Demand Policy – Environmental Charge – Net Metering | 5.1 |
| FFA | Franchise Fee Adjustment | 5.2 |
| GRT | Gross Receipts Tax (Non-Franchise Area) | 5.3 |
| GRT | Gross Receipts Tax (Franchise Area) | 5.4 |
| RS | Residential Service | 6.0 |
| RSD | JEA <u>Residential Demand Service SmartSavings</u> (Optional- Experimental) (Residential Demand) | 6.1 |
| GS | General Service | 8.0 |
| GST | General Service Time-of-Day (Optional) | 8.2 |
| GSD | General Service Demand | 9.0 |
| GSDT | General Service Demand Time-of-Day (Optional) | 9.2 |
| SS | Auxiliary Service for Cogenerators (Closed to new customers) | 9.5 |
| SS-1 | Standby and Supplemental Service | 9.61 |
| GSLD | General Service Large Demand | 10.0 |
| GSLDT | General Service Large Demand Time-of-Day (Optional) | 10.2 |
| GSLDHLF | General Service Large Demand High Load Factor (Experimental) | 11.0 |
| ISXLD | Interruptible Service Extra Large Demand (Optional) | 12.0 |

(Continued to Sheet No. 4.1)

RSD

Revenue Code RES10DMD

RATE SCHEDULE RSD

JEA ~~SMARTSAVINGS~~-RESIDENTIAL DEMAND (OPTIONAL-EXPERIMENTAL)

Available

In all territory served by JEA. ~~Initial participation in this rate schedule is limited to 2,000 residential customers.~~ Customers must be in good financial standing with JEA and maintain that standing while on this rate.

Applicable

To any residential customer in single family individual house, apartment or mobile home for domestic and non-commercial purposes who choose to participate in this optional and experimental rate. All service hereunder will be rendered through a single metering installation. Resale of energy purchased under this rate schedule is not permitted.

Character of Service

JEA's standard voltage levels.

Rate

Per Month

The charge per month shall consist of the total of basic monthly, demand, Fuel, Environmental, and Conservation charges as follows:

Dual Flex Pricing

~~————~~ Daily Flex Pricing

Basic Monthly Charge:

Basic Monthly Charge:

\$5.50 per month

\$5.50 per month

Demand Charge:

Demand Charge:

\$7.20 per kW of
billing On-Peak
demand

\$20.25 per kW of
billing ~~Average Daily~~NCP
demand

\$5.55 per kW of
billing NCP
demand

Rate

\$5.50 Basic Monthly Charge, plus

Fuel Charge

As stated in the Fuel and Purchased Power Cost Recovery Charge Policy
(Sheet No. 5.0)

Environmental Charge

As stated in the Environmental Charge (Sheet No. 5.1)

Per Month

\$4.90 per kW of On Peak Demand

\$3.75 per kW of Non Coincident Peak (NCP) Demand

plus applicable Fuel, Environmental, and Conservation Charges

Minimum Bill

\$5.50 Basic Monthly Charge.

~~Definition of~~

~~Billing Periods~~ ~~On Peak periods shall be defined as follows:~~

~~6 a.m. - 9 a.m. - November through March~~

~~12 Noon - 7 p.m. - April through October~~

~~On Peak periods exclude weekends, New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day.~~

(Continued to Sheet No. 6.2)

Definition

of On Peak Demand ~~The maximum 15 minute metered kW demand during the~~

~~On Peak period in the billing period.~~

Definition of

NCP Demand ~~The maximum 15 minute metered kW demand in the billing period.~~

~~Fuel Charge~~

~~As stated in the Fuel and Purchased Power Cost Recovery Charge Policy
(Sheet No. 5.0)~~

~~Environmental~~

~~Charge~~ ~~As stated in the Environmental Charge (Sheet No. 5.1)~~

(Continued to Sheet No. 6.2)

(Continued from Sheet No. 6.1)

Definition of
Billing Periods

On-Peak periods shall be defined as follows:
6 a.m. - 9 a.m. - November through March
12 Noon - 7 p.m. - April through October

On-Peak periods exclude weekends, New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day.

Definition of

~~of On-Peak Demand~~ The maximum 60-minute metered kW demand during the On-Peak period in
On-Peak period in the billing period.

Definition of
NCP Demand

The maximum 60-minute metered kW Non-Coincident Peak (NCP) demand in
the billing period.

Definition of
Average Daily
Demand

The average of the daily 60-minute metered Non-Coincident Peak (NCP)
demands in the billing period.

~~Minimum Bill \$5.50 Basic Monthly Charge.~~

Terms and
Conditions

- (a) Service under this rate will be made available at the option of the Residential Service customer, subject to the availability of advanced metering equipment and program constraints.
- (b) Customer has the option of terminating service under this rate schedule at any time.
- (c) Service hereunder is subject to the Rules and Regulations of JEA.
- (d) Conservation charge is a charge of 1.0 cent per kWh for all consumption above 2,750 kWh.

JEA SOLARMAX RIDER
(Expires 9/30/2019)AVAILABLE:

In all territory served by JEA

APPLICABLE:

Available upon request to any customer that enters into a JEA SolarMax Rate Agreement (Agreement) and meets the following conditions:

- a) Minimum 7,000,000 kWh of annual solar power purchases requested at time of Agreement execution
- b) No delinquent account balance
- c) Not taking service under a time of day rate schedule

RATE PER MONTH:

Charges per month shall consist of the basic monthly, demand, energy, fuel and environmental charges per the applicable rate schedule as modified below:

Fuel Charge: JEA SolarMax kWh will be billed at the price set forth in the Agreement

Remaining kWh not selected as JEA SolarMax will be billed at the Levelized Fuel Rate as stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).

Environmental Charge: JEA SolarMax kWh are exempt from the Environmental Charge (Sheet No. 5.1)

of JEA SolarMax kWh: The elected percentage of total kWh per billing period rounded to the nearest kWh as set forth in the Agreement

TERMS AND CONDITIONS:

- (a) Customers may elect to receive up to 100% of their energy from JEA solar energy sources.
- (b) Customers may enroll at any time.
- (c) New solar installations are subject to JEA's system limitations and operational limits of solar power within JEA's service territory.
- (d) Energy produced from JEA solar sources may not be specifically delivered to the customer.
- (e) Any Fuel Credit, approved by JEA's Board, will be calculated using the total kWh less JEA SolarMax kWh in the month a credit is given.

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Submitted to the Public Service Commission

**Approved by the JEA Board
March 26, 2019**

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| GSLD | General Service Large Demand | 10.0 |
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| GSLDHLF | General Service Large Demand High Load Factor (Experimental) | 11.0 |
| ISXLD | Interruptible Service Extra Large Demand (Optional) | 12.0 |

(Continued to Sheet No. 4.1)

RSD

Revenue Code RES10DMD

RATE SCHEDULE RSD

JEA RESIDENTIAL DEMAND (OPTIONAL-EXPERIMENTAL)

Available In all territory served by JEA. Customers must be in good financial standing with JEA and maintain that standing while on this rate.

Applicable To any residential customer in single family individual house, apartment or mobile home for domestic and non-commercial purposes who choose to participate in this optional and experimental rate. All service hereunder will be rendered through a single metering installation. Resale of energy purchased under this rate schedule is not permitted.

Character of Service JEA's standard voltage levels.

Rate Per Month The charge per month shall consist of the total of basic monthly, demand, Fuel, Environmental, and Conservation charges as follows:

| | |
|--|---|
| <p><u>Dual Flex Pricing</u> Basic Monthly Charge:</p> <p style="padding-left: 40px;">\$5.50 per month</p> <p>Demand Charge:</p> <p style="padding-left: 40px;">\$7.20 per kW of billing On-Peak demand</p> <p style="padding-left: 40px;">\$5.55 per kW of billing NCP demand</p> | <p><u>Daily Flex Pricing</u> Basic Monthly Charge:</p> <p style="padding-left: 40px;">\$5.50 per month</p> <p>Demand Charge:</p> <p style="padding-left: 40px;">\$20.25 per kW of billing Average Daily demand</p> |
|--|---|

Fuel Charge As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0)

Environmental Charge As stated in the Environmental Charge (Sheet No. 5.1)

Minimum Bill \$5.50 Basic Monthly Charge.

(Continued to Sheet No. 6.2)

(Continued from Sheet No. 6.1)

Definition of
Billing Periods

On-Peak periods shall be defined as follows:
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12 Noon - 7 p.m. - April through October

On-Peak periods exclude weekends, New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day.

Definition of
On-Peak Demand

The maximum 60-minute metered demand during the On-Peak period in the billing period.

Definition of
NCP Demand

The maximum 60-minute metered Non-Coincident Peak (NCP) demand in the billing period.

Definition of
Average Daily
Demand

The average of the daily 60-minute metered Non-Coincident Peak (NCP) demands in the billing period.

Terms and
Conditions

- (a) Service under this rate will be made available at the option of the Residential Service customer, subject to the availability of advanced metering equipment and program constraints.
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